



Power Electronic Training Board has been designed specifically to study Lamp Dimmer Using Diac and Triac. The board is absolutely self contained and requires no other apparatus.

Practical experience on this board carries great educative value for Science and Engineering Students.

**Object:**

To study Lamp Dimmer Using Diac and Triac.

**Features:**

The board consists of the following built-in parts:

01. An Isolation Transformer having output 230V AC at 200mA.
  02. Triac
  03. Diac.
  04. Lamp load.
  05. Potentiometer to control intensity of Lamp.
  06. Adequate no. of other Electronic Components.
  07. Mains ON/OFF switch, Fuse and Jewel light.
- \* The unit is operative on 230V  $\pm$ 10% at 50Hz A.C. Mains.
  - \* Adequate no. of patch cords stackable 4 mm spring loaded plug length 1/2 metre.
  - \* Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/ observation of waveforms.
  - \* Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

Note: Specifications are subject to change.

**Tesca Technologies Pvt. Ltd.**

IT-2013, Ramchandrapura Industrial Area, Sitapura Extension,  
Near Bombay Hospital, Vidhani Circle, Jaipur-302022, Rajasthan, India,  
Tel: +91-141-2771791 / 2771792; Email: info@tesca.in, tesca.technologies@gmail.com  
Website: www.tesca.in